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04-RF-00986

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LONG, J.

LYLE, J.L.

MARTINEZ, L. A.

PIZZUTO, V.M.

SHELTON, D.C.

SPEARS, M.S.

TUOR, N. R.

BEAN, C.

GOLDEN, L

AUBLE, M.

NESTA, S.

PARSONS, D.

WIEMELT, K.

PRIMROSE, A.
AUBLE, M.
LINSINBIGLER, H.

SWARTZ, M.

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ADMIN RECRD/T130G

AUTHORIZED CLASSIFIER

IN REPLY TO RFP CC NO .:

ragani

09/28/02

CLASSIFICATION:

SIGNATURE:

DORR, K.

TRAFFIC PATS/130

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HUMISTON, T. JENKINS, T.



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BUTLER, J. L.

CLARK, D

DIETERLE, S.

DORR, K.

FREIBOTH, C.

GIBBS, F.

Gary Morgan, Functional Lead

Cadre Project Management Division

DOE, RFPO

TRANSMITTAL OF THE BUILDING

X

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TRANSMITTAL OF THE BUILDING 451 -- PREDEMOLITON SURVEY REPORT (PDSR)
DWF-063-04

Provided for your review and approval is the enclosed subject report for Building 451. This report characterizes the physical, chemical and radiological hazards associated with this facility, summarizes the characterization activities, defines the Data Quality Objectives developed for this characterization, and presents the data quality assessment, verification and validation of results.

Based on the analysis of radiological, chemical and physical hazards, and subject to concurrence by the CDPHE, Building 451 is acceptable for demolition. Various surfaces within Building 451 could not be decontaminated below the PDSP radiological unrestricted release limits without compromising the structural integrity of the building, or were too difficult to decontaminate. Therefore, these surfaces will be removed and managed as LLW during demolition. All other surfaces within Building 451 are below the radiological PDSP unrestricted release limits. These contaminated areas are discussed in detail in the PDSR. Building 451 does not possess beryllium or chemical contamination in excess of the PDSP unrestricted release limits. However, fixatives were used to immobilize beryllium contamination.

Please notify Kaiser-Hill when you transmit this document to CDPHE. If you have any questions, do not hesitate to call me or Duane Parsons at extension 6458.

Dennis W. Ferren

Dennis W. Ferrera

Vice President and Project Manager

Remediation, Industrial D&D and Site Services

PARTIALIOPEN

CLOSED

LTR APPROVALS:

AS Stated

ORIG. & TYPIST INITIALS:

DLP:pvt Orig. and 1 cc - G. Morgan

ADMIN RECORD

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(F-46469(Rev.9/94)

Kaiser-Hill Company, L L C

Rocky Flats Environmental Technology Site, 10808 Hwy. 93 Unit B, Golden, CO 80403-8200 ●303-966-7000

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BERARDINI, J.H.

BOGNAR, E.S. BROOKS, L. BUTLER, L

CARPENTER, M CIUCCI J.A CROCKETT, G. A.

DEL VECCHIO, D.

DECK, C. A. DEGENHART, K. R.

DIETER, T. J.

FERRERA, D. W. GIACOMINI, J. J.

LINDSAY D.C. LONG, J. W. LYLE, J. L.

MARTINEZ, L. A NAGEL, R. E.

SHELTON, D. C. SPEARS, M. S. TUOR, N. R.

WIEMELT, K

ZAHM C

WILLIAMS, J. L.

Freiboth.C

Swartz, M

NESTA, S. NORTH, K

ACTION

Bill Owens, Governor Douglas H. Benevento, Executive Director RESPONDENCE

Dedicated to protecting and improving the health and engineement of the people of Colorado

4300 Cherry Creek Dr. S. Denver, Colorado 80246-1530 Phone (303) 692-2000

Laboratory and Radiation Services Division 8100 Lowry Blvd. Denver, Colorado 80230-6928

TDD Line (303) 691-7700 (303) 692-3090 Located in Glendale, Colorado

http://www.cdphe.state.co.us



Colorado Department of Public Health and Environment

October 6, 2004

Mr. Joe Legare

Director, Project Management Division

U.S. Department of Energy, Rocky Flats Project Office

10808 Highway 93, Unit A Golden, CO 80403-8200

RE: Pre-Demolition Survey Report (PDSR) for Building 451 - Approval

Dear Mr. Legare:

The Colorado Department of Public Health and Environment, Hazardous Materials and Waste Management Division has reviewed the PDSR for Building 451; Versian 0 dated September 25, 2004, and your cover letter dated October 1, 2004. Based on the information contained in this PDSR, we are hereby approving the PDSR for Building 451.

Although we are approving this PDSR for B451, this PDSR only includes the Building 451 metal filter plenum structure, and does not include the concrete pad/slab under the metal plenum. Since the concrete pad is also considered part of B451, it must also be properly investigated/characterized once the plenum structure is removed. The ultimate disposition of this concrete pad will depend on the results of the investigation performed. As such, the investigation to be performed and the results obtained must be discussed with us utilizing the consultative process prior to demolition or agreement on the final disposition of the B451 concrete pad.

As stated in this PDSR, Building 451 is a Type 2 Facility and has not been completely decontaminated, with uranium contamination above unrestricted release levels remaining in areas of Building 451. As also discussed, remaining manium and beryllium contamination has been covered with a fixative and will be protected from release during demolition activities. However, fixing beryllium contamination is not considered to be the same as actual decontamination (removal). As such, areas with fixed beryllium contamination need to be properly identified, managed, and disposed, and cannot be recycled on

If you have any questions regarding this correspondence please contact me at (303) 692-3367, or David Kruchek at (303) 692-3328.

Sincerely.

COR, CONTROL ADMIN. RECORD PATS/130

> Reviewed for Addresses Corres. Control RFP

Steven H. Gunderson **RFCA Project Coordinator**

Gary Morgan, DOE Dave Shelton, KH

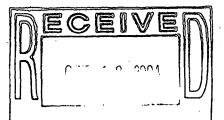
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Steve Nesta, KH J. Mike Swartz, KH

Cameron Freiboth, KH Mark Aguilar, EPA Sam Garcia, EPA

Administrative Records Building T130G ·

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